Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Wednesday 09 Aug 2023 until 23:59 on Thursday 10 Aug 2023

Forecast Issued on Wednesday 09 Aug 2023 at 03:21

Confidence: High confidence for turning briefly warmer by Thursday, followed by a return to cooler, more unsettled conditions this weekend. Lower confidence in precipitation and cloud detail.

Headline for Wednesday 09 Aug 2023: Largely dry with bright or sunny spells. Thicker cloud developing later with patchy light rain or drizzle possible.

Mountain weather hazards on Wednesday 09 Aug 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny intervals	Sunny intervals	Sunny intervals	Sunny intervals	Sunny intervals	Cloudy
Precipitation probability					
<05%	<05%	<05%	10%	10%	10%

Forecast for Wednesday 09 Aug 2023

Weather: A fine start with bright or sunny spells, then increasing amounts of high cloud during the morning making the sunshine hazy. Cloud thickening through the afternoon, perhaps with some patchy light rain or drizzle later.

Chance of cloud-free hill tops above 600m: 90% or more perhaps becoming 50% from late afternoon.

Low Cloud and visibility: Small amounts of cloud. Areas of cloud developing later in the afternoon into the evening, perhaps with bases 400-500m. Visibility mostly good or very good, although perhaps very poor later in low cloud covering the hills.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Wednesday 09 Aug 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/16 SW	16/20 W	15/21 W	14/19 W	12/16 SW	9/13 SW	7/11 SW
300	6/18 W	10/18 W	10/19 W	9/16 W	7/14 W	3/9 SW	2/7 SW
Valley	1/7 NW	6/12 W	9/17 SW	7/14 SW	5/10 SW	1/5 SW	1/4 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/6	11/8	13/10	14/11	14/12	13/11	13/12
300	11/10	15/13	16/14	16/15	16/15	14/14	14/14
Valley	11/11	16/15	17/16	17/17	17/17	15/16	15/15
Freezing Level*	2200m	3700m	3700m	3800m	3700m	3600m	3400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

UV levels moderate in bright or sunny spells, so sun protection is advisable. Low cloud later across summits may give some navigational issues.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Wed 09 Aug 2023	0.2mm	3.4mm	12mm

Forecast for Thursday 10 Aug 2023

Weather: Areas of low cloud lingering overnight although conditions become mainly dry. Low cloud will quickly clear in the morning to give a generally dry day with bright or sunny spells and feeling much warmer. Thicker cloud and outbreaks of rain may reach the park from the west around midnight, perhaps with the odd heavier burst.

Maximum wind: Southerly 10mph gust 15-20mph

Chance of cloud-free hill tops above 600m: 40% at first, otherwise 90% or more.

Low Cloud and visibility: Areas of cloud should be comfortably above summits for much of the day, after overnight areas of low cloud clear quickly after sunrise. Thicker cloud could again lower onto the highest summits around midnight. Visibilities generally good or very good outside of these areas of low cloud.

Temperature: **Valleys:** Plus 14 degrees Celsius rising to Plus 24 degrees Celsius.
At 600m: Plus 12 degrees Celsius rising to Plus 19 degrees Celsius.
Freezing level: Above summits.

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